Canthai des

Essay, ow Canthariels Canthariels Charles I. Clark New Jersey

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On Snaugural Estar on Ganthaids Submitted to the examination of the Orions of Proposition of Prinsylvania for the degree of Doctor of Medicino Shall, I. blarks of Mus Juscy 1823

The matural lineur is in the human paint to become diseased, includes Mran to ducker the meant of relief; and he has accordingly made won part of the great accasion shakes wint to his purpose; the Minimum, the according to his and it is an according a to the animal kingdens; all friends him with articles for his well, and it is an airea, as well as instruction to refer to a line different articles which have alternated toggifted the attention of Physicians; some than the west cataragent manner in one ago, and here formed inticly without efficacy in archive.

This constant change can only be accounted for by the optime improportion of the knowledge which the account proposed of the economy of the human frame, According as Myrician become More Medightened on this subject, is the effect of Medicines we reduced to Something to market the have more market that it is not upon one amount bun tanget that it is not upon one amount

or one combination of remedies, that they are to rely, in the cure of dimases! but, by adapt ing certain remedies to certain States of the obystem; thus for instance, porevian bank, which is unwavally allowed to be equivalent, to the ent of intermittents; if applied in an impuper Stale of the Lystem, will nevathely fail. · And it is from neglecting this attention to the state of the System, that remedies of to offisite a nature, have him so highly celchated in the end of particular dinans: Physicians at this time, find no difficult in accounting for the cues of scropula, which were performed by the Royal touch, recollecting the hatural tendency which this disease has to disappear, as the patient approaches the age of purberty. No remedy, to be applied effectrally required more attention to the Mate of the System than the Canthaird a spanish fly, the Subject of this epay; this one amongst the for umedies, which have maintained their position the revolutions of opinion and changes

of practice which have occurs, they are pur hops the most offications remedy which we do

- and from the animal Kingdom.

The canthairs was not altogether unknown to the amients, for Wipporates the great father of medicine, it is said administered them in turally, their first application for the purpose of exertingablister, was by a man who lived hot a that time before Galen, and it was then the practice to sub them on the hear tile resicat-

sion was produced.

The arabian Physicians were the first to make a proper application of the fly, but it was a diffuent species from that now in use, the melo chievie; ( of Line ) they and said not to be properties of such active properties as the common Meloe, from which, they may be distinguished they thin having black less, whereas in the mile Desicatorius the legs are of the same colour as the body. They are called spanish flies from the tireumstance of their being obtained from Spain, though the largest quantity is now procured

1 cm 9 con o ne from stay, they are to be found however in most

of the Countries of Europe.

Repeate of the Conthoris has been dissecured in this countin, and could they be strained in sufficient quantities for practical perfores, accord supercució the new pit faim partation, being fiely equal in from to the common Mulai, and more prompt in produsing their effects.

The common blitting fly the Melos beliading is an insect of the belle kinet, have or len line in length, of a skining, golden green colony the bleme or fulus do blackly fointed, the beast is somewhat round, the blackly related, the heast of and fly its anid the heast of the head of and and and are motivated, they multiply great, and and are deen in every the maintend of precentifies by thating the read they are then obtained they are the precent of the processor. It is said they present a shere for which they are their hard and at hight, the hist of which they get appearing as if illumination or which they get appearing as if illumination or which they get

Milis the thing

with fine; when perfectly dry they are very light, and are not distingued by hiping, though tenid as they are, as plant of them to consume he are insect, that reduces them to a furthered, which is chemical arouted, they have a freehouse maries a routed to the first local mentions in the dispensation that the Mulderthan bills is frequently mixed with them, and, as the and not proported of the artire property of the currences of the many he distinguished are however of the they may be distinguished by however of every beginning and he of the property and he have been property of the pr

The landhousels have been analysed by Robiquies, and a precision principle distributed on which their blistering project April this stribest ance has been the most landhoused of the street of the billions property of the fly, don't not contain that which products of transpin; it is soluble in bot alwhole, and again left product when coldy it is soluble in billy like also theologies it, but not nony

powerfully.

It is stated in so cario sharman colorias that bolling the flies in water removes the form influence thangen without injuries the bounds specified by the a telerate in the process to the process to the process to the formation this obtained to be formation the database the process to both the mine we thank to first feast of the process to both them in water till easy thing soluble is taken up, and then till so solution is confunction; this shall in alcohol, confuncted, and again the check in they, and suffered to anoporate in the day to their despite outside miners with a getter matter, which is the Canchanation.

There are various mosts of preparine bles tring plaster, said one which answer benjulle is to spread a plaster of basilien consists and spread a plaster of basilien consists and spread with a portion of mustand, lafter when and flies; is progreatly light by the Wiotheraies, and this, almost invariably producted a blister when spread whom heather are, affliced to the barface of the body; when we

have not the continent at hand, a quantity of the powerful flies sprinkled over a terminon positive will answer our well, and it is one award by In thefunding the the common blushing plants has produced a subspace of effect, the application of a positive will produce will filled becausing, but present the accusage of drangery.

That lanthaniel, when wend internally may to whichies in pounder a traction, the loss of the forms is from goth to group, the latter however is generally produced the dass of which is from think to fift deaps, the of which is from think to fift deaps, the of the wind the commence of the whole whether the whole whether the commence of the whole whether the commence of the whole whether the send of persons that there is continued that the conthaniely, propercy the present the means the conthaniely, propercy the present to means

the remead desir, and atthough it is one of those medicines which displays a marked affinity to the urinary agam, yet, I haveled it given without any Juck effect, anchear and if a great many other instances.

when given internally they produce a glow whow the surface, and if given in pretty full doses in a proper state of the System will increase the discharge of wrine, In Chapman suys two or three drams ought to be given for this purpose in the leventy four hours; in smaller dones, and when the system is in a state of excitiment they will mostly produced strangery; given as a directio they should be accompanies with plenty of drinks, as solution of Sum arabs sio, flanseed tea Ho: as drinking copiously of these liquids has been found the most effectual mode of relieving, as well as prounting Strangum. Dr. Cullen and others believed that the flies never produced a directio effect, but experience the

development in a partly direction in

great test of buth has Mound their error Blisters may be down to act in the aux of directors, either in a general w local manner; in the first case they produes a Himulating effect, which after countriacts the existing morbid action presocieting in the system. In the second they May produce an initation on the surface, which is extended by sympathy to the local affection existing in a particular part, and either overdome it or invite it to the durface; no two actions of imequal for ex, can with in the same part at the same time, the weaker must give way to the strongers, have the necessity for reducing the force of the disease by incurants, previous to the applie ation of blister; and they may produce and warmant effect as in apthalmia +6. I am now to give some account of their use in the end of diseases; and first in the end of fevers, there has been much controversy respecting their officacy in this class of

Clienass, Some contending that they are of he service whatever, while others consider the as the secondard that as the separate the desease; this deformed of african Simagine has areas from the different state of the system in which they have been applied, as used before the forto of the disease is bother, as used before the forto of the disease is bother, and while there is great delitement, the will invoving the there is great delitement, the will invoving the there is great to low they will be the system is prostrated to low they will not prostrated the system is prostrated to low they will not prostrated the Salutan and the should the Salutan in propings, which they are to made to calculated to make when property times.

The precise point at which it is proper to resort to blister has been called the blister from point, and it requires abtention on the part of the practitions to discours and

mark it.

This remedy has not been very exclusively temployed in intermittentiz the their are many course where the back had been rein ten for it long time, which after the appreciate for it long time, which after the appreciation of the contraction o

application of blister to the wister, have speed

by spelded to its action; and cases and also remoted in which blister to the stamping is as to be producing their full effect about the time the paroxybor was expected, enterty

prevented its accepion.

To the remittent bilions fewer which has prevailed the present Leason to such an extents along the Shores of Jasey, and which hus occasioned more destruction of life than is within the recollection of the oldest Inhabitant, blistering has been found peculiarly applicable, to quiet the initability of the Stomach, and render the system susceptible to the action of the bank. This few proails More a les every autumn in every part of our country, and is generally of an inflammatory cast, blistus used plevious to the inflammator action being reduced, would be very likely to increase, instead of apening the disease, his eases attended with great irritability of the Home -ach which is a prequent symptom, blister May

and the second of the second o and the second s he used earlier, and should be applied de

rectly over this again.

In that Spring of fine them to the hand of Mellow from on thick has to ofthe hies definited to our art, und almost depopulate Cities, which Springs Luch lend wherever it approaches that were

Dependants, friends, relations, love himsely,

Forget the tender tie,

The sweet enclearments of the fuling head" and offy the threatoned danging him terous depretiens, and extended the stormach is the swamach is the stormach is the school threaton is expended a made buch is the reliable with which it diships it middling, that to be bushes if delayed for a few days wite, as known if the continuous france is encountered, and active Measures of gastriles is produced the most active and of the lowest, and the most active and of the lowest, and the transition of the lowest, and the most active and of the lowest, and the most active and of the lowest, and

blister in such eased relieve the dishefring sensations of the Stomach, allay the comiting, and this give us in affortunity to resort to internal remedies; they though in such cases he of the largest Liza and applied directly over the region of the stomach, when deliverum is present which is prequently the case; a blister to the heard has been found of great service to relieve this particular affection tion, and the head thout he shared a thirt time previous to the application as this has been found to prevent the occurred of thangun,

It was Dr. Rush's plan to resort to blok, in this diseased if the fives did not intermit for the or four days, and he days they seldom failed to produce an interripion; but I couride the great efficacy of blister to lie in reliving the unpleasant and local Imsation of the Stomach, though they will no doubt he found useful in giving the finishing blow to the fever, after its fired has been weatoned

by other remedies.

and the second second second second

To fiver of wery species, attended with local inflavoration a congestion, they are equally applicable; but thanks always be preceded by bleeding both general and head, and thould be applied generally as near the deat of the local inflammation as possible and it should be recollected that cups or buches cannot be applied advantageous to a blistered senfare, and they thouse in all cases preceded the application of blisters; by this means the blister will be rendered more Oficacions, and by its action will either umore to the despace the remains of the inflammating actions a by creating a new impression completely overcome the existing murbid one.

Syphias is generally attended with an increased delimination of blood to the head, producing interes pain, deliminate to the blood blood blood thing is not a world to the proper remedy, after which a blish to court the while bearing per-

prequently preduces the most solutary effects in the during stages of this direct history is the shirter one of the most believe the shirters are more of the most better depresent make resources in meeting of however that worth prehips he prefurable; as in that the words perhaps he prefurable; as in that each in all that thought the chain of affinished in the tendent as to be completely, two from that me returned as a could take place, and they would consequently be of little or no territory when timely affiliately that we hear the morbide determined they will of the fewer of the produce of the fewer of believes of the fewer.

The whole of the phologomains perhops and not present an exception to the assort blitter, and method of the physical amount it is not valuable of the physical exercise in all the inflammation affecting the abdominal historial birties before the advantages to gashiels the authorises from that the the the half the the things to gashiels the authorises for the the things the the the things the things the things the the things the the things the

Sa. · to

Homach in this disease, that nothing can be done with internal remedies, our only hope must then he on the land and blister; Intent, partakes of the same nature, as also personite, and dysenten, though we have not to much disorder of the stomach as in the former and blisters will not fail to be attended with a good effect; in the last mentioner direase Dr. Chapman recommends a large one to be applied over the abdomen, and in such cases they not empequently produced an ano agno effect. In cholia morbus our remedy is resorted to by all, to relieve the distriping sittness at Homach; in diseases which to how rids the patient of his life, as this, and cholica Infantism, something more prompt than the common blistning plaster is required, and it has been recommended to make use of the nitrio acid, by means of a feather differ in it and brushed over the region of the stomach, this will produce bery specialy the initating effect of the flies, and as a coun

on

counter writand will answer way purpose. To Depatites, Splenite +6, blister are applica ble preceded by abstractions of blood: as an antispasmodic in colie they are much used, in that species of it to which pointer are so liable, and when the sparm resists the operation of the most active calkactus, this umedy is preculiarly suited in such cans a blister to the abdomin will render the action of the Cathartic speedy, and generally certain. To the inflammatory affections of the chest they are very generally applicables in that species of Pneumonia, when there is an organged state of the lungs, so much blood is taken out of the general enculation, that a large bleeding might be attended with fatal effects, we are compelled to result to Small blendings, and a large blister to the thorax is a valuable auxilians in the mow common form, where there is an inflammation of the pland a substance of the lungs, blister have been resulted to previous to the use of 1. 6

of the lawest, but such a practice I think is hazardors, and it is thought so by our ingonuous and learned profiper of the practice of medicine, there is pulseps no disease in which a few to ease of the lawet is required than in this, and blisters and of the qualest Sowice when made to follow its extensive and In the incepient Stage of Phthisis to act as counter writants blister are univers ally resorted to, and by a timely recurrence to then use, and other moderately depleting umedies this disease may frequently be unested, but after it is oned fairly extablished Specitivile always remain a uprouch to our art; some of the spars moder affections of the chest may tore lieved by blister such as arthma, patus.

Shisters are used in most of the appeting of the heard, in apoplan it is don't then were applied upon the first interestimated the practice of medicine, and have continued to the optopul

Day the moule do to grow the section of his comme hear annived raison bath pulled

with advantage; in marine the accuminate soften in historia operation, that white the thirte is drawing an increase of the direct is made from the take place, and continue against this use who such in exaculation is particularly by the direction of the directio

In the heatment of rhumation blacker constitute one of our much walunder remeding and as in most other chinese one ment are able of the depletion. In some of the service land to the primer the house her applies with blacked is denominated memplicies of however which is denominated the house of the house of the which is denominated the house of the heart of much see which is the house of the heart of much see vice; and when it affect football for the body, as the same a blacke the forter of the body as the same a blacke the which the are of the only freeze of the land in which the are of the only freeze of the fet heart of the property to that of the process of that of the process of that of the process of the only they require previous in the application

in the application to be of suries, I have lower by apply them in either assister a enasonal the a friend informs me be down the qualist limits to the abdomin in a case of the forms disease, gaugette is however to be decided in such cases.

Our remed is applicable to many of the wanthemations affections, small poor is a cliquese over which shyricums man having to have completed triumfully blittle to tellow some of its emplement effects have been from if much advantages they are equally applicable to some if the Calambal, and other unpleasant symptoms allendant on Massless Vealating when complicated with an affe-

retion of the throat, is managed advantage toush by blister fruth early applica.

Then are a most valuable remote in austing the progress of enjoyelections influence attends and it was from their being of senior to the to the observation when tradent to toy their officers in arresting the progress to try their officers in arresting the progress.

of gaugene, and they are equally unifull in that arising from tormely of accuracy from transfer of accuracy of proper from the accumulations which the surgeon derived from their use, in epillation try constitute an excellent mode of depletion and may be applicate observed over the by out to trying the lists with a mark that of adherine places in the discussion of luminations of the post of the property of the p

The practice of applying blists to inflar mes voing usualling from the common open ation of binascetten, is one of the many min pronounts from the kerneth of the Medicine is withdead to the country of the Majorith, a dust of the plaster though he applies along

the whole course of the view.

It only remains for me is give semi account of this was internally administration they were given in this man by Hyperalis how they are given in this man by Myperalis how they are given it has not been a long time him a practition of medium, was prosecute for

administering, them in this way; ignorance here trumphia over the importante Duta, but his ruin served to deministrate the safety of the practice; from their affinity to the winary organs, and their stimulating properties they are well calculates for some of the diseases of these organds I have known a case of obstinate gleet completely cured in a thoot time by thirty deops of the Finction taken twice aday or famed recommendes in lencowhed the following formula, and I have been marked advantage from it in an obstinate case which had resisted several other remedies, it produces an again cable glow upon the surface and diministivities the discharge in a that time.

of These Canthais 3 mg m the dose of which is a table of ornfulling aday. In a Manus knows beautiful delivered from the children of the breaking of something of the breaking of something of the breaking of something of the breaking of the

blisten, the officery of one applies to the surnum in this dischar, and in obstracts cases much benefit will be derived from buch application

In Housek of New York in his appendix to the modern practice of physic, says there is no article of the materia medica, which will perduce such good effects in impotency from weateness of the sominal agans as the fly, he gives twenty five or thirt drops of the linctine, and increases it in a day or two to faity or fifty deops there times aday; much paseverence, and regularity, is required in its use to be of service; it sometimes will give which in a shoot time, and in other cases years will be required to remove the Misease, after taking it a Most time the patient generally experiences some little difficulty in passing his wrine, and this, if it does not werease may be disregarded intermit the medicine for a few days, title this

incomments is removerly when it Monte to again resorted to till the like effect is preducing patients latering under this disease thouse he chant with the propert of a freed due being held out to them, for they tot often gue themselve, up to defain with all it hours good tensolving their case as leftly neight to taking the Medicines.

I have now knowlette a consistent this open; and have only to regul, that it is not more to the conversity from which Their to derive the hours which the movestion; and desiring

student can alone obtain.